

Albert Heim

List of Publications by Year in descending order

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91
papers

4,053
citations

126858

33
h-index

128225

60
g-index

94
all docs

94
docs citations

94
times ranked

4951
citing authors

#	ARTICLE	IF	CITATIONS
1	Epidemic keratoconjunctivitis: efficacy of outbreak management. Graefe's Archive for Clinical and Experimental Ophthalmology, 2022, 260, 173-180.	1.0	1
2	Risk of transfusion-transmitted hepatitis E virus infection from pool-tested platelets and plasma. Journal of Hepatology, 2022, 76, 46-52.	1.8	17
3	Linking digital surveillance and in-depth virology to study clinical patterns of viral respiratory infections in vulnerable patient populations. IScience, 2022, 25, 104276.	1.9	1
4	Target capture sequencing reveals a monoclonal outbreak of respiratory syncytial virus B infections among adult hematologic patients. Antimicrobial Resistance and Infection Control, 2022, 11, .	1.5	3
5	Fulminant Adenoviral-Induced Hepatitis in Immunosuppressed Patients. Viruses, 2022, 14, 1459.	1.5	6
6	Fully automated detection and differentiation of pandemic and endemic coronaviruses (NL63, 229E,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 4438-4445.	2.5	12
7	Management of Adenovirus Infections (Adenoviridae)., 2021, , 197-205.		1
8	Posttransplantation MRD monitoring in patients with AML by next-generation sequencing using DTA and non-DTA mutations. Blood Advances, 2021, 5, 2294-2304.	2.5	60
9	The Zinc Finger Antiviral Protein ZAP Restricts Human Cytomegalovirus and Selectively Binds and Destabilizes Viral <i>UL4</i> / <i>UL5</i> Transcripts. MBio, 2021, 12, .	1.8	33
10	Tracking the international spread of SARS-CoV-2 lineages B.1.1.7 and B.1.351/501Y-V2. Wellcome Open Research, 2021, 6, 121.	0.9	115
11	Reliable quantification of plasma HDV RNA is of paramount importance for treatment monitoring: A European multicenter study. Journal of Clinical Virology, 2021, 142, 104932.	1.6	19
12	Transfer of Hexonâ€•and Pentonâ€•selected adenovirusâ€•specific T cells for refractory adenovirus infection after haploidentical stem cell transplantation. Transplant Infectious Disease, 2020, 22, e13201.	0.7	5
13	Whole-Genome Approach to Assessing Human Cytomegalovirus Dynamics in Transplant Patients Undergoing Antiviral Therapy. Frontiers in Cellular and Infection Microbiology, 2020, 10, 267.	1.8	17
14	Rapid random access detection of the novel SARS-coronavirus-2 (SARS-CoV-2, previously 2019-nCoV) using an open access protocol for the Panther Fusion. Journal of Clinical Virology, 2020, 125, 104305.	1.6	59
15	Comparison of the performance of the Panther Fusion respiratory virus panel to R-Gene and laboratory developed tests for diagnostic and hygiene screening specimens from the upper and lower respiratory tract. Journal of Medical Microbiology, 2020, 69, 427-435.	0.7	9
16	A Zoonotic Adenoviral Human Pathogen Emerged through Genomic Recombination among Human and Nonhuman Simian Hosts. Journal of Virology, 2019, 93, .	1.5	31
17	Maintenance Immunosuppression Is Associated With Better Outcome in the 2017/2018 Influenza Epidemic. Open Forum Infectious Diseases, 2019, 6, ofz381.	0.4	2
18	Molecular Evolution of Human Adenovirus (HAdV) Species C. Scientific Reports, 2019, 9, 1039.	1.6	101

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19	Severe acute respiratory distress syndrome (ARDS) induced by human adenovirus B21: Report on 2 cases and literature review. <i>Journal of Critical Care</i> , 2019, 51, 99-104.	1.0	20
20	Massive Perivillous Fibrin Deposition of an Enterovirus A-Infected Placenta Associated With Stillbirth: A Case Report. <i>Pediatric and Developmental Pathology</i> , 2019, 22, 142-145.	0.5	14
21	Post Transplantation Measurable Residual Disease (MRD) Monitoring Using Next-Generation Sequencing Is Highly Predictive for Relapse after Allogeneic Stem Cell Transplantation. <i>Blood</i> , 2019, 134, 184-184.	0.6	2
22	Cerebrospinal fluid features in adults with enteroviral nervous system infection. <i>International Journal of Infectious Diseases</i> , 2018, 68, 94-101.	1.5	21
23	Genomic analysis of a large set of currently and historically important human adenovirus pathogens. <i>Emerging Microbes and Infections</i> , 2018, 7, 1-22.	3.0	39
24	Broad-spectrum antiviral activity of the deubiquitinase inhibitor HBX against human adenoviruses. <i>Antiviral Therapy</i> , 2018, 23, 475-483.	0.6	4
25	The probe target mutation G18913A of adenovirus type 5 is not associated with underquantification in a generic adenovirus real-time PCR. <i>Diagnostic Microbiology and Infectious Disease</i> , 2018, 90, 71-72.	0.8	0
26	Measurable residual disease monitoring by NGS before allogeneic hematopoietic cell transplantation in AML. <i>Blood</i> , 2018, 132, 1703-1713.	0.6	237
27	Influenza and respiratory syncytial virus screening for the detection of asymptotically infected patients in hematology and oncology. <i>GMS Hygiene and Infection Control</i> , 2018, 13, Doc08.	0.2	7
28	Molecular phylogeny of a novel human adenovirus type 8 strain causing a prolonged, multi-state keratoconjunctivitis epidemic in Germany. <i>Scientific Reports</i> , 2017, 7, 40680.	1.6	15
29	Characterization of Human Cytomegalovirus Genome Diversity in Immunocompromised Hosts by Whole-Genome Sequencing Directly From Clinical Specimens. <i>Journal of Infectious Diseases</i> , 2017, 215, 1673-1683.	1.9	88
30	Three novel, multiple recombinant types of species of human mastadenovirus D (HAdV-D 73, 74 & 75) isolated from diarrhoeal faeces of immunocompromised patients. <i>Journal of General Virology</i> , 2017, 98, 3037-3045.	1.3	20
31	Severe Adenovirus Pneumonia Followed by Bacterial Septicaemia: Relevance of Co-Infections in Allogeneic Hematopoietic Stem Cell Transplantation. <i>Infectious Disorders - Drug Targets</i> , 2016, 16, 69-76.	0.4	10
32	Discovery of immunodominant T-cell epitopes reveals penton protein as a second immunodominant target in human adenovirus infection. <i>Journal of Translational Medicine</i> , 2016, 14, 286.	1.8	18
33	Viral Origin, Clinical Course, and Renal Outcomes in Patients With BK Virus Infection After Living-Donor Renal Transplantation. <i>Transplantation</i> , 2016, 100, 844-853.	0.5	66
34	An Improved One-Step Real-Time Reverse Transcription-PCR Assay for Detection of Norovirus. <i>Journal of Clinical Microbiology</i> , 2016, 54, 497-499.	1.8	3
35	Effective Apical Infection of Differentiated Human Bronchial Epithelial Cells and Induction of Proinflammatory Chemokines by the Highly Pneumotropic Human Adenovirus Type 14p1. <i>PLoS ONE</i> , 2015, 10, e0131201.	1.1	16
36	A Rolling Circle Amplification Screen for Polyomaviruses Other than BKPyV in Renal Transplant Recipients Confirms High Prevalence of Urinary JCPyV Shedding. <i>Intervirolgy</i> , 2015, 58, 88-94.	1.2	3

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37	Human mastadenovirus type 70: a novel, multiple recombinant species D mastadenovirus isolated from diarrhoeal faeces of a haematopoietic stem cell transplantation recipient. <i>Journal of General Virology</i> , 2015, 96, 2734-2742.	1.3	74
38	Type dependent patterns of human adenovirus persistence in human T-lymphocyte cell lines. <i>Journal of Medical Virology</i> , 2014, 86, 785-794.	2.5	13
39	Detection of cytomegalovirus (CMV) by real-time PCR in fecal samples for the non-invasive diagnosis of CMV intestinal disease. <i>Journal of Clinical Virology</i> , 2014, 61, 517-522.	1.6	29
40	Donor origin of BKV replication after kidney transplantation. <i>Journal of Clinical Virology</i> , 2014, 59, 120-125.	1.6	55
41	A human adenovirus species B subtype 21a associated with severe pneumonia. <i>Journal of Infection</i> , 2014, 69, 490-499.	1.7	33
42	Patient, Virus, and Treatment-Related Risk Factors in Pediatric Adenovirus Infection after Stem Cell Transplantation: Results of a Routine Monitoring Program. <i>Biology of Blood and Marrow Transplantation</i> , 2014, 20, 250-256.	2.0	80
43	Induction of a broad spectrum of inflammation-related genes by Coxsackievirus B3 requires Interleukin-1 signaling. <i>Medical Microbiology and Immunology</i> , 2013, 202, 11-23.	2.6	12
44	Delayed Seroconversion and Rapid Onset of Lymphoproliferative Disease After Transmission of Human T-Cell Lymphotropic Virus Type 1 From a Multiorgan Donor. <i>Clinical Infectious Diseases</i> , 2013, 57, 1417-1424.	2.9	34
45	Porcine corneal cell culture models for studying epidemic keratoconjunctivitis. <i>Molecular Vision</i> , 2013, 19, 614-22.	1.1	8
46	Factors Influencing Viral Clearing and Renal Function During Polyomavirus BK-Associated Nephropathy After Renal Transplantation. <i>Transplantation</i> , 2012, 94, 396-402.	0.5	42
47	High intrahepatic HHV-6 virus loads but neither CMV nor EBV are associated with decreased graft survival after diagnosis of graft hepatitis. <i>Journal of Hepatology</i> , 2012, 56, 1063-1069.	1.8	35
48	Adenoviral load diagnostics by quantitative polymerase chain reaction: techniques and application. <i>Reviews in Medical Virology</i> , 2012, 22, 194-208.	3.9	26
49	Advances in the management of disseminated adenovirus disease in stem cell transplant recipients: impact of adenovirus load (DNAemia) testing. <i>Expert Review of Anti-Infective Therapy</i> , 2011, 9, 943-945.	2.0	17
50	High lethality of human adenovirus disease in adult allogeneic stem cell transplant recipients with high adenoviral blood load. <i>Journal of Clinical Virology</i> , 2011, 52, 55-59.	1.6	51
51	Low level myocardial parvovirus B19 persistence is a frequent finding in patients with heart disease but unrelated to ongoing myocardial injury. <i>Journal of Medical Virology</i> , 2010, 82, 1449-1457.	2.5	51
52	Comparison of the performance of direct fluorescent antibody staining, a point-of-care rapid antigen test and virus isolation with that of RT-PCR for the detection of novel 2009 influenza A (H1N1) virus in respiratory specimens. <i>Journal of Medical Microbiology</i> , 2010, 59, 713-717.	0.7	53
53	Virus-Associated Hemophagocytic Syndrome Contributes to Fatal Outcome In Critical Ill Patients with 2009 Influenza A (H1N1) Infection.. <i>Blood</i> , 2010, 116, 3795-3795.	0.6	0
54	Unique sequence features of the Human Adenovirus 31 complete genomic sequence are conserved in clinical isolates. <i>BMC Genomics</i> , 2009, 10, 557.	1.2	18

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55	Combination of soluble coxsackievirus-adenovirus receptor and anti-coxsackievirus siRNAs exerts synergistic antiviral activity against coxsackievirus B3. <i>Antiviral Research</i> , 2009, 83, 298-306.	1.9	24
56	Subacute Allograft Failure With Dysuria and Hematuria in a Kidney Transplant Recipient. <i>American Journal of Kidney Diseases</i> , 2009, 54, 154-158.	2.1	17
57	Adenovirus infection and treatment with cidofovir in children after liver transplantation. <i>Pediatric Transplantation</i> , 2009, 13, 421-428.	0.5	35
58	Quantification of cytomegalovirus DNA levels in intestinal biopsies as a diagnostic tool for CMV intestinal disease. <i>Journal of Clinical Virology</i> , 2009, 46, 254-258.	1.6	35
59	Evidence of Molecular Evolution Driven by Recombination Events Influencing Tropism in a Novel Human Adenovirus that Causes Epidemic Keratoconjunctivitis. <i>PLoS ONE</i> , 2009, 4, e5635.	1.1	201
60	Quantitative temporal and spatial distribution of adenovirus type 2 correlates with disease manifestations and organ failure during disseminated infection. <i>Journal of Medical Virology</i> , 2008, 80, 294-297.	2.5	25
61	Rapid routine detection of enterovirus RNA in cerebrospinal fluid by a one-step real-time RT-PCR assay. <i>Journal of Clinical Virology</i> , 2008, 42, 58-64.	1.6	91
62	Antiviral Activity of Cidofovir and Ribavirin against the New Human Adenovirus Subtype 14a That Is Associated with Severe Pneumonia. <i>Clinical Infectious Diseases</i> , 2008, 47, 731-732.	2.9	14
63	An Adenovirus Type F41 Outbreak in a Pediatric Bone Marrow Transplant Unit. <i>Pediatric Infectious Disease Journal</i> , 2008, 27, 419-424.	1.1	51
64	Phylogenetic Analysis and Structural Predictions of Human Adenovirus Penton Proteins as a Basis for Tissue-Specific Adenovirus Vector Design. <i>Journal of Virology</i> , 2007, 81, 8270-8281.	1.5	50
65	A rapid quantitative PCR-based assay for testing antiviral agents against human adenoviruses demonstrates type specific differences in ribavirin activity. <i>Antiviral Research</i> , 2006, 72, 34-41.	1.9	16
66	Molecular identification of adenovirus sequences: A rapid scheme for early typing of human adenoviruses in diagnostic samples of immunocompetent and immunodeficient patients. <i>Journal of Medical Virology</i> , 2006, 78, 1210-1217.	2.5	67
67	An Outbreak of Epidemic Keratoconjunctivitis Caused by a New Intermediate Adenovirus 22/H8 Identified by Molecular Typing. <i>Clinical Infectious Diseases</i> , 2006, 43, e64-e66.	2.9	52
68	From poliovirus surveillance to enterovirus surveillance: a complete picture?. <i>Journal of Medical Microbiology</i> , 2005, 54, 1-2.	0.7	48
69	Phylogenetic Analysis of the Main Neutralization and Hemagglutination Determinants of All Human Adenovirus Prototypes as a Basis for Molecular Classification and Taxonomy. <i>Journal of Virology</i> , 2005, 79, 15265-15276.	1.5	146
70	Monitoring of Adenovirus Infection in Pediatric Transplant Recipients by Quantitative PCR: Report of Six Cases and Review of the Literature. <i>American Journal of Transplantation</i> , 2004, 4, 2102-2108.	2.6	94
71	Interferons in enteroviral heart disease: modulation of cytokine expression and antiviral activity. <i>Medical Microbiology and Immunology</i> , 2004, 193, 149-154.	2.6	7
72	Acute Adenoviral Infection of a Graft by Serotype 35 Following Renal Transplantation. <i>Pathology Research and Practice</i> , 2003, 199, 565-570.	1.0	29

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73	Rapid and quantitative detection of human adenovirus DNA by real-time PCR. Journal of Medical Virology, 2003, 70, 228-239.	2.5	700
74	Quantitative multiplex real-time PCR for the sensitive detection of interferon β gene induction and viral suppression of interferon β expression. Cytokine, 2003, 24, 190-200.	1.4	15
75	Development and evaluation of a nucleic acid sequence based amplification (NASBA) protocol for the detection of enterovirus RNA in cerebrospinal fluid samples. Journal of Virological Methods, 2002, 103, 101-107.	1.0	23
76	Activation of the Jak-Stat Pathway in Cells That Exhibit Selective Sensitivity to the Antiviral Effects of IFN-beta Compared with IFN-alpha. Journal of Interferon and Cytokine Research, 1999, 19, 797-801.	0.5	28
77	Evolution of Poliovirus Type I during 5.5 Years of Prolonged Enteral Replication in an Immunodeficient Patient. Virology, 1999, 265, 178-184.	1.1	117
78	Evaluation of serological screening of cadaveric sera for donor selection for cornea transplantation. , 1999, 58, 291-295.		45
79	Antiviral activity of WIN 54954 in coxsackievirus B2 carrier state infected human myocardial fibroblasts. Antiviral Research, 1998, 37, 47-56.	1.9	12
80	Highly sensitive detection of gene expression of an intronless gene: amplification of mRNA, but not genomic DNA by nucleic acid sequence based amplification (NASBA). Nucleic Acids Research, 1998, 26, 2250-2251.	6.5	41
81	Coxsackievirus Genome in Myocardium of Patients with Arrhythmogenic Right Ventricular Dysplasia/Cardiomyopathy. Cardiology, 1998, 89, 241-245.	0.6	37
82	Detection of Enterovirus RNA in the Myocardium of a Patient with Arrhythmogenic Right Ventricular Cardiomyopathy by In Situ Hybridization. Clinical Infectious Diseases, 1997, 25, 1471-1472.	2.9	11
83	Inhibition of coxsackievirus B3 carrier state infection of cultured human myocardial fibroblasts by ribavirin and human natural interferon- β . Antiviral Research, 1997, 34, 101-111.	1.9	29
84	Enterovirus heart disease of adults: A persistent, limited organ infection in the presence of neutralizing antibodies. , 1997, 53, 196-204.		20
85	Recombinant Interferons β and β Have a Higher Antiviral Activity than Interferon- β in Coxsackievirus B3-Infected Carrier State Cultures of Human Myocardial Fibroblasts. Journal of Interferon and Cytokine Research, 1996, 16, 283-287.	0.5	31
86	Myocardial enterovirus infection with left ventricular dysfunction: A benign disease compared with idiopathic dilated cardiomyopathy. Journal of the American College of Cardiology, 1995, 25, 1170-1175.	1.2	63
87	Cultured human myocardial fibroblasts of pediatric origin: Natural human interferon- β is more effective than recombinant interferon- β 2a in carrier-state coxsackievirus B3 replication. Journal of Molecular and Cellular Cardiology, 1995, 27, 2199-2208.	0.9	33
88	Enterovirus-induced myocarditis: Hemodynamic deterioration with immunosuppressive therapy and successful application of interferon- β . Clinical Cardiology, 1994, 17, 563-565.	0.7	36
89	Synergistic Interaction of Interferon- α and Interferon- β in Coxsackievirus B3-Infected Carrier Cultures of Human Myocardial Fibroblasts. Journal of Infectious Diseases, 1992, 166, 958-965.	1.9	59
90	Significance of coronary angiography, left heart catheterization, and endomyocardial biopsy for the diagnosis of idiopathic dilated cardiomyopathy. American Heart Journal, 1992, 124, 1251-1257.	1.2	21

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91	Radioimmunoimaging of subacute infective endocarditis using a technetium-99m monoclonal granulocyte-specific antibody. European Journal of Nuclear Medicine and Molecular Imaging, 1991, 18, 977-80.	2.2	19